

SCALE ASSIGNMENT: CGC1D1 - Mr. Wittmann

Name: _____ Section: ____ Date: _____ Mark: ____/30

1. Convert these **Representative Fraction** scales to **Direct Statement** scales.

- A. 1 : 10,000 _____
- B. 1 : 1,450,00 _____
- C. 1 : 350,000 _____
- D. 1 : 500,000 _____
- E. 1 : 6,000 _____

2. Convert these **Direct Statement** scales to **Representative Fraction** scales.

- A. 1cm to 6km _____
- B. 1 cm to 75km _____
- C. 1cm to 350km _____
- D. 4cm to 16km _____
- E. 2cm to 5km _____

3. Convert these **Line** scales to **Direct Statement** scales.

- A. 0 _____ | _____ | _____ | _____ | _____ | _____ | _____ 42km _____
- B. 0 _____ | _____ | _____ 80km _____
- C. 0 _____ | _____ | _____ 60km _____
- D. 0 _____ | _____ | _____ | _____ | _____ | _____ 35km _____
- E. 0 _____ | _____ | _____ | _____ | _____ 1244km _____

4. Using the map of Canada, inside the cover of the **Making Connections** textbook, state the distance, in km, between...

- A. Windsor, ON & Owen Sound, ON _____
- B. Thompson, MB & Dawson, YT _____
- C. Saskatoon, AB & Kelowna, BC _____
- D. Kingston, ON & Sherbrooke, QC _____
- E. Deer Lake, ON & Churchill, MB _____

5. Make a scale for a map without a scale.

A. Measure the western border of Saskatchewan on a map **with** a scale.

_____ cm

B. What is the scale on this map? If it is not, convert it to a direct statement scale.

_____ cm to _____ km

C. Calculate the length of the border in km.

_____ cm X _____ km = _____ km

D. Measure the western border of Saskatchewan on the map **without** a scale.

_____ cm

E. Take the answer from step D and the answer from step C to determine the scale.

_____ cm to _____ km

F. Reduce this scale to 1cm, thus your map scale is...

_____ cm to _____ km

